

## OCEAN GALES AND STORMS, AUGUST, 1927

Vessel	Voyage		Position at time of lowest barometer		Gale began	Time of lowest barometer	Gale ended	Lowest barometer (Ins.)	Direction of wind when gale began	Direction and force of wind at time of lowest barometer	Direction of wind when gale ended	Highest force of wind and direction	Shifts of wind near time of lowest barometer
	From—	To—	Latitude	Longitude									
NORTH ATLANTIC OCEAN													
Housatonic, Br. S. S.	Key West	Avonmouth	39 27N.	66 20W.	Aug. 1	10 p. 1	Aug. 2	29.84	SSW	S, 8	WSW	S, 8	SSW-WSW.
Coronia, Br. S. S.	Cherbourg	New York	41 12N.	57 00W.	5	noon, 5	5	29.77	W	SW, 8	NW	S, 9	SW-NW.
Trinculo, Br. S. S.	Rotterdam	Curacao	44 24N.	18 12W.	5	1a. 6	6	29.74	SW	WNW	NW	WNW, 8	SW-WNW.
Copan, Hond. S. S.	New Orleans	Puerto Cortes.	15 48N.	88 00W.	7	4a. 7	7	29.72	ENE	ENE	E	E, 8	Steady.
Bristol City, Br. S. S.	New York	Bristol	46 17N.	40 52W.	9	Mdt., 10	10	29.57	SSE	SSE, 8	SSE	SSE, 8	Do.
Anacortes, Am. S. S.	Boston	Cardiff	43 24N.	58 06W.	16	—, 16	16	29.70	SE	SSE, 8	NW	—, 9	SSE-NW.
Denham, Br. S. S.	Durban	Avonmouth	43 30N.	12 00W.	17	3p., 18	19	29.86	W	—, 6	WNW	—, 8	Steady.
Vincent, Am. S. S.	Havre	New York	48 12N.	33 29W.	19	5a., 19	20	29.12	S	SSW, 9	WNW	W, 9	S-W.
Stockholm, Swed. S. S.	Gothenburg	do	56 00N.	26 12W.	19	1a., 20	20	28.65	E	NE, 9	NNW	NE, 9	E-NNE.
Western Ally, Am. S. S.	Antwerp	do	50 25N.	16 00W.	19	9p., 20	22	29.25	SW	SW, 9	NW	SW, 9	Steady.
Schoharie, Am. S. S.	Liverpool	Jacksonville	47 51N.	17 50W.	20	11a., 21	22	29.20	SW	W, 9	NW	W, 9	SW-WNW.
Raimund, Ger. S. S.	Bremen	New Orleans	28 02N.	68 40W.	22	8p., 22	23	29.15	ENE	SE, 12	E	—, 12	E-SE.
Maraval, Br. S. S.	New York	West Indies	25 00N.	65 35W.	21	1a., 22	23	28.06	NE	N, 12	S	N, 12	Do.
Maracaibo, Am. S. S.	La Guayra	New York	34 00N.	70 15W.	23	8p., 23	24	29.41	E	SE, 12	WNW	SE, 12	SE-SSE.
Cripple Creek, Am. S. S.	Port Arthur	Liverpool	36 18N.	72 45W.	23	4p., 23	24	28.66	E	E, 7	W	NW, 12	NE-NW.
Chatham, Am. S. S.	Boston	Norfolk	40 13N.	70 30W.	24	10a., 24	24	28.98	NE	ENE, 12	NW	ENE, 12	ENE-N.
Darian, Br. S. S.	Liverpool	Boston	42 20N.	67 28W.	24	4p., 24	24	28.53	N	N	NW	—, 12	NE-N.
Stockholm, Swed. S. S.	Gothenburg	New York	44 18N.	63 18W.	24	10p., 24	25	28.82	SSE	S, 12	WSW	S, 12	SSE-WSW.
Ariano, Br. S. S.	Montreal	London	52 46N.	46 19W.	25	9p., 25	26	28.81	NE	W, 8	WNW	WNW, 11	WSW-WNW.
Galtymore, Br. S. S.	Liverpool	Boston	52 09N.	35 20W.	25	2a., 26	28	29.17	S	W, 11	W	W, 11	SSW-W.
Winnebago, Br. S. S.	Manchester	New York	55 18N.	15 15W.	26	10p., 27	27	29.37	WSW	SW, 9	WSW	SW, 9	WSW-SW.
NORTH PACIFIC OCEAN													
Pres. Cleveland, Am. S. S.	Honolulu	Yokohama	41 00N.	150 00E.	7	6p., 7	8	29.62	SE	SE, 7	SE	SE, 8	Steady.
Pacific, Am. S. S.	Everett	Balboa	12 51N.	91 03W.	8	3p., 8	8	29.67	SW	SW, 8	SW	SW, 8	Do.
Standard, Am. S. S.	San Pedro	do	16 30N.	100 30W.	8	8p., 8	9	29.65	SE	SE, 9	SE	SE, 9	Do.
Nora, Am. S. S.	do	Iquique	19 36N.	106 10W.	9	2p., 9	10	29.67	SE	SE, 9	SE	SE, 9	Do.
General Smuts, Br. S. S.	Osaka	Coos Bay	47 43N.	149 42W.	11	2a., 11	11	30.00	WSW	W, 7	W	W, 8	Do.
Africa Maru, Jap. S. S.	Victoria	Yokohama	51 20N.	173 46W.	9	Noon, 11	12	29.48	SW	WSW, 8	—	WSW, 8	SW-NW.
West Holbrook, Am. S. S.	Columbia River	Nagoya	43 25N.	150 54E.	13	5p., 13	13	29.48	SE	SSE, 10	SW	SSE, 10	S-SW.
Choyo Maru, Jap. S. S.	Milke	Astoria	40 36N.	150 19E.	13	Noon, 13	13	29.58	SE	SSE, 8	SSW	SSE, 8	SSE-SSW.
Abisia, Du. S. S.	San Francisco	Yokohama	40 20N.	154 00W.	30	10a., 31	31	29.49	SE	SSE, 9	NW	SE, 10	SE-S-W.
Havre Maru, Jap. S. S.	Yokohama	San Francisco	39 57N.	149 50E.	30	4a., 31	31	29.20	S	S, 8	WSW	W, 9	S-W.
SOUTH PACIFIC OCEAN													
West Henshaw, Am. S. S.	Dunedin, N. Z.	do	33 21S.	173 34W.	6	Noon, 7	7	29.55	N	NNW, 9	WSW	NNW, 9	Do.
Losada, Br. S. S.	Corral	Balboa	31 48S.	72 32W.	13	Mdt., 13	14	30.00	SSE	S, 8	S	S, 8	Do.
Valemore, Br. S. S.	Buenos Aires	Antofagasta	41 32S.	78 36W.	13	11p., 14	15	29.59	W	WSW, 8	WSW	WSW, 11	W-WSW.
Aorangi, Br. M. S.	Honolulu	Sydney	34 12S.	161 29E.	17	4p., 17	18	29.72	SW	SW, 6	SSW	SW, 8	WNW-SW.
Tekoa, Br. S. S.	Wellington	Balboa	38 54S.	145 25W.	19	8p., 21	21	29.75	E	NNE, 7	N	NNE, 8	NNE-NNW.
SOUTH ATLANTIC OCEAN													
Valemore, Br. S. S.	Buenos Aires	Antofagasta	46 25S.	62 44W.	7	2a., 8	8	29.08	W	WSW, 10	SW	WSW, 10	W-WSW.
Elkhorn, Am. S. S.	Port Arthur	Pernambuco	31 36S.	50 14W.	12	4p., 12	14	29.36	NE	SW, 10	SW	SW, 10	NNE-SW.
Capillo, Am. S. S.	New York	Montevideo	25 10S.	43 43W.	13	2p., 13	14	29.49	SW	SW, 8	SW	SW, 8	Steady.

## NORTH PACIFIC OCEAN

By WILLIS E. HURD

Good weather continued over the great sailing routes of the North Pacific Ocean during August, and gales in northern and middle latitudes were nearly as infrequent as during the quiet preceding month. Except for some moderately strong winds not exceeding 8 in force experienced south of the central Aleutians and the Gulf of Alaska on and about the 11th, the only known gales occurring north of the 40th parallel were in connection with cyclones passing up the east coast of central Japan on the 7th, 13th, and 31st. These gales were reported as rising to force 10 on the last two dates.

The great anticyclone of the eastern part of the ocean continued strong and widespread throughout the month as well as undisturbed by intruding cyclones. Pressures were moderately low over Aleutian and southwestern Alaskan waters, and generally with only slight variations from the normal. Yet the Aleutian cyclone was plainly in evidence over part or all of this area during the entire period. Pressures elsewhere likewise did not vary greatly from the average of many years. Readings for selected coast and island stations in west longitudes are given in the following table:

TABLE 1.—Averages, departures, and extremes of atmospheric pressure at sea level at indicated hours, North Pacific Ocean, August, 1927

Stations	Average pressure	Departure from normal	Highest	Date	Lowest	Date
	Inches	Inch	Inches		Inches	
Dutch Harbor <sup>1,4</sup>	29.78	-0.12	30.26	31st	29.20	12th.
St. Paul <sup>1,5</sup>	29.78	+0.02	30.24	31st	29.12	10th.
Kodiak <sup>1,5</sup>	29.83	-0.02	30.26	20th	29.44	11th.
Midway Island <sup>1</sup>	30.05	-0.04	30.14	2d	29.90	31st.
Honolulu <sup>2</sup>	30.01	0.00	30.08	27th	29.92	31st.
Juneau <sup>2</sup>	30.00	-0.02	30.35	16th	29.51	26th.
Tatoosh Island <sup>1,3</sup>	30.02	-0.03	30.15	30th	29.86	17th.
San Francisco <sup>1,3</sup>	29.97	+0.02	30.12	30th	29.78	13th.
San Diego <sup>1,3</sup>	29.92	+0.03	30.02	29th	29.77	8th.

<sup>1</sup> P. m. observations only.<sup>2</sup> A. m. and p. m. observations.<sup>3</sup> Corrected to 24-hour mean.<sup>4</sup> For 25 days.<sup>5</sup> For 29 days.<sup>6</sup> For 30 days.

Considerable activity of tropical cyclones occurred in the Far East. The subjoined report by Rev. José Coronas, S. J., of the Philippine Weather Bureau, narrates the movements of such typhoons as had appeared